

PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q78495

Mikael Bliksted LARSEN

Continuation of Appln. No.: 10/232,322,
Filed: September 3, 2002

Group Art Unit: 3661

Confirmation No.: Not Yet Known

Examiner: Not Yet Known

Filed: November 14, 2003

For: METHOD AND SYSTEMS FOR NAVIGATING UNDER WATER

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form which are all the references of record in parent application No. 10/232,322. Applicant is not submitting duplicate copies of these references but requests that they be listed on the face of any patent granted on the above application. (See 37 CFR §1.98(d)).

In addition, in accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the one (1) additional document which is listed on the attached PTO/SB/08 A & B (modified) form and which the Examiner may deem

Information Disclosure Statement
Continuation of Application Serial No. 10/232,322
Filed: November 14, 2003
Sughrue Ref: Q78495

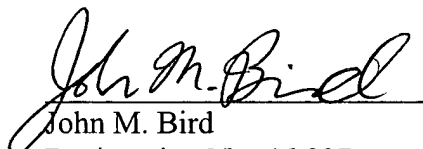
material to patentability of the claims of the above-identified application. One copy of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,


John M. Bird
Registration No. 46,027

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: November 14, 2003

Substitute for Form 1449 A & B/PTO <u>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</u> <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Continuation of Application Number	10/232,322
				Confirmation Number	Not Yet Known
				Filing Date	November 14, 2003
				First Named Inventor	Mikael Bliksted LARSEN
				Art Unit	3661
				Examiner Name	Not Yet Known
Sheet	2	of	2	Attorney Docket Number	Q78495

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
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FOREIGN PATENT DOCUMENTS							
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Larsen, "Synthetic Long Baseline Navigation of Underwater Vehicles," IEEE 2000, pages 2043-2050	
		Sherbatyuk, "The AUV Positioning Using Ranges from one Transponder LBL", IEEE October 1995, pages 1620-1623	
		Yun, et al., "An Integrated GPS/INS Navigation System for Small AUVs Using an Asynchronous Kalman Filter, IEEE August 1998, pages 43-49	
		Sollier, et al., "Wideband Underwater Acoustics Transmissions Application to Unmanned Underwater Vehicles Positioning and Control," UDT Pacific 98, 24-26 February 1998 -- Sydney Convention Centre Australia, pages 245-249.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.